HEALTH DEPARTMENT
CITY OF OAKLAND, CALIFORNIA
POPULATION 165,000

VITAL STATISTICS
FOR THE MONTH OF SEPTEMBER, 1913

F. C. TURNER, Commissioner, Dept. of Public Health and Safety.

EDWARD N. EWER. M. D., Health Officer. JOHN H. MELLON. Office Secretary.

METEOROLOGICAL

Meteorological synopsis for September, 1913, taken daily at Chabot Observatory at 7 a. m. and 7 p. m. Latitude 37 deg. 48 min. .05 sec. N. Longitude 122 deg. 16 min. 38.25 sec. W. Height above the sea, 36.4 feet.

BAROMETER	INCHES
Mean barometer of the month	29.919
Highest barometer of the month, 3	30.10
Lowest barometer of the month, 22	29.70
Monthly range	40.

THERMOMETER	DEGS.
Mean temperature of the month	65.5
Mean temperature of the warmest day, 16	80.5
Mean temperature of the coldest day, 13	59.0
Maximum temperature, 16	97.0
Minimum temperature, 9, 26, 29	53.0
Mean highest temperature	74.1
Mean lowest temperature	56.8
Greatest daily variation, 15	38.0
Least daily variation, 5, 12, 13	10.0
Monthly range of temperature	44.0
Mean daily range of temperature	17.3

PRECIPITATION	INCHES
Rainfall in inches since July 1st	.14
Rainfall in inches during the month	.00

RELATIVE HUMIDITY	
Mean relative humidity of the month	78.9
Highest humidity for 24 hours, 20	89.5
Lowest humidity for 24 hours, 16	51.5
Maximum humidity, 20	94.0
Minimum humidity, 15, 16	51.0
Monthly range	43.0

WEATHER	
Number of clear days	20
Number of fair days	9
Number of cloudy days	1
Number of days in which rain fell	0
Number of mornings of low fog	0
Number of mornings of high fog (overcast)	7
Number of mornings that frost was seen	0

WIND, 90 OBSERVATIONS	
North	10
Northeast	0
East	9
Southeast	2
South	1
Southwest	4
West	51
Northwest	13
Greatest velocity for one day, 1	133 miles
Greatest velocity for one hour, 1	10 miles
Total distance for one month	2,086 miles
Average daily velocity	16.5 miles

Other Phenomena.

Nothing unusual.

CHARLES BURCKHALTER, Observer.

COMPARATIVE MONTHLY MORTALITY

Months	Deaths	Estimated Population	Annual Death Rate per 1,000 for month
Sept. 1882	32	36,000	10.66
" 1883	42	38,000	13.26
" 1884	50	39,000	15.38
" 1885	51	43,000	14.23
" 1886	45	46,000	11.73
" 1887	47	50,000	11.28
" 1888	70	55,000	15.27
" 1889	72	60,000	14.40
" 1890	39	60,000	7.80
" 1891	53	60,000	10.60
" 1892	54	60,000	10.80
" 1893	71	60,000	14.20
" 1894	55	60,000	11.00
" 1895	55	60,000	11.00
" 1896	54	60,000	10.80
" 1897	60	75,000	9.60
" 1898	67	75,000	10.72
" 1899	70	75,000	11.20
" 1900	90	75,000	14.40
" 1901	71	75,000	11.36
" 1902	76	83,000	15.36
" 1903	72	83,000	10.40
" 1904	101	83,000	14.59
" 1905	93	90,000	12.40
" 1906	162	140,000	10.36
" 1907	156	140,000	13.37
" 1908	124	140,000	10.06
" 1909	146	145,000	12.07
" 1910	163	150,000	13.04
" 1911	167	156,000	12.84
" 1912	175	165,000	12.73
" 1913	175	165,000	12.72

COMPARATIVE MONTHLY MORTALITY From Zymotic Diseases

Months	Deaths	Annual Death Rate per 1,000 for month
Sept 1882	7	2.40
" 1883	13	4.10
" 1884	7	2.15
" 1885	11	3.06
" 1886	10	2.60
" 1887	10	2.40
" 1888	22	4.80
" 1889	8	1.60
" 1890	6	1.20
" 1891	14	2.80
" 1892	9	1.80
" 1893	13	2.60
" 1894	4	.80
" 1895	7	1.40
" 1896	4	.80
" 1897	9	1.44
" 1898	4	.64
" 1899	3	.48
" 1900	4	.64
" 1901	4	.64
" 1902	5	.80
" 1903	7	.98
" 1904	6	.84
" 1905	0	.00
" 1906	8	.86
" 1907	15	1.28
" 1908	3	.25
" 1909	7	.57
" 1910	2	.16
" 1911	3	.23
" 1912	4	.29
" 1913	5	.39

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH. (Bertillon Classification.)	Deaths reported during month, September, 1913.	Sex.		Age by Years.											Social Relation.			Color.			
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
DEATHS FROM ALL CAUSES.	175	98	77	24	16	24	1	3	17	19	23	17	23	32	72	73	30	163	5	1	6
I. General Diseases	36	19	17	1	1	1		1	8	7	5	6	5	2	14	20	2	34	1		1
II. Diseases of Nervous System	17	13	4	1	1	1				1	2	1	6	5	3	6	8	16			1
III. Diseases of the Circulatory System	32	15	17						1	3	5	3	6	14	6	15	11	31	1		1
IV. Diseases of the Respiratory System	18	9	9	5	3	5			1	3	1		1	4	9	7	2	16	1		1
V. Diseases of the Digestive System	26	15	11	12	1	12			1	2	3	3	3	1	14	10	2	24			1
VI. Diseases of the Genito-Urinary System	14	6	8					2	1		5	2	1	3	5	5	4	14			
VII. Childbirth																					
VIII. Diseases of the Skin	2	2								1	1				1	1		2			
IX. Diseases of the Locomotor System	1		1				1								1			1			
X. Malformations																					
XI. Early Infancy	10	6	4		10										10			6	2	1	1
XII. Old Age	1		1											1			1	1			
XIII. External Causes	18	13	5	5		5			5	2	1	2	1	2	9	9		18			
XIV. Ill-Defined Diseases																					
I. General Diseases																					
(a) Epidemic Diseases.																					
1. Typhoid Fever	4	3	1						2	2					2	2		4			
2. Typhus, Exanthematic																					
3. Fever, Recurrent																					
4. Fever, Intermit't and Malar'l Cachexia																					
5. Smallpox																					
6. Measles																					
7. Scarlet Fever	1	1							1						1			1			
8. Whooping Cough																					
9. Diphtheria																					
9a. Croup																					
10. Influenza																					
11. Miliary Fever																					
12. Cholera, Asiatic																					
13. Cholera, nostras																					
14. Dysentery																					
15. Pest (Plague)																					
16. Yellow Fever																					
17. Leprosy																					
18. Erysipelas																					
19. Other Epidemic Diseases																					
(b) Other General Diseases.																					
20. Purulent Infection and Septicaemia																					
21. Glanders and Farcy																					
22. Malig't Pustule and Charbon (Anthrax)																					
23. Rabies																					
24. Tetanus																					
25. Mycoses																					
26. Pellagra																					
27. Beriberi																					
28. Tuberculosis of Lungs	13	8	5					1	4	3	1	1	2	1	4	8	1	12			1
29. Acute Miliary Tuberculosis																					
30. Tuberculous Meningitis	2	2			1								1		1	1		2			
31. Tuberculosis, Abdominal																					
32. Pott's Disease	1		1						1						1			1			
33. White Swelling																					
34. Tuberculosis of Other Organs																					
35. Disseminated Tuberculosis																					
36. Rickets																					
37. Syphilis	1		1	1	1			1							1			1			
38. Gonococcus Infection																					
39. Cancer and Other Malignant Tumors of the Buccal Cavity																					
40. Cancer and Other Malignant Tumors of the Stomach and Liver	4	2	2							1	1	2			2	2		4			
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	3	2	1								1	2			1	2		3			
42. Cancer and Other Malignant Tumors of the Female Genital Organs	5		5							1	2		1	1	1	3	1	4	1		
43. Cancer and Other Malignant Tumors of the Breast																					

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MONTHLY STATEMENT OF DEATHS—Cont'd

CAUSES OF DEATH. (Bertillon Classification.)	Deaths reported during month, September, 1913.	Sex. Male.	Sex. Female.	Age by Years. Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Social Relation. Single.	Married	Widowed, Divorced, Unas.	Color. White.	Chinese.	Japanese.	African.
44 Cancer and Other Malignant Tumors of the Skin																					
45 Cancer and Other Malignant Tumors of Other Organs & Organs not Specified	1		1									1				1		1			
46. Other Tumors (Tumors of the Female Genital Organs excepted)																					
47. Rheumatism, Acute, Articular																					
48. Rheumatism, Chronic, and Gout																					
49. Scurvy																					
50. Diabetes	1	1											1			1		1			
51. Goitre, Exophthalmic																					
52. Addison's Disease																					
53. Leukaemia																					
54. Anaemia, Chlorosis																					
55. Other General Diseases																					
56. Alcoholism, Acute and Chronic																					
57. Lead Poisoning																					
58. Other chronic occupation poisonings																					
59. Other Chronic Poisonings																					
II. Diseases of the Nervous System.																					
60. Encephalitis	1	1								1						1		1			
61. Meningitis, Simple	1	1			1										1			1			
61a. Meningitis, Epidemic Cerebro-spinal																					
62. Locomotor Ataxia, Progressive	1	1									1					1		1			
63. Other Diseases of the Spinal Cord																					
64. Apoplexy Cerebral	11	8	3							1	1	5	4		1	3	7	10			1
65. Cerebral Softening																					
65a. Infantile Paralysis																					
66. Paralysis	2	1	1									1	1			1	1	2			
67. Paralysis, General, of Insane																					
68. Other forms of Mental Disease																					
69. Epilepsy																					
70. Convulsions (nonpuerperal)																					
71. Convulsions of Infants	1	1		1		1									1			1			
72. Chorea																					
73. Neuralgia and Neuritis																					
74. Other Diseases of the Nervous System																					
75. Diseases of the Eye and Its Adnexa																					
76. Diseases of the Ear																					
III. Diseases of the Circulatory System.																					
77. Pericarditis																					
78. Endocarditis, Acute	5	1	4							1	1			3	1	2	2	5			
79. Organic Diseases of the Heart	21	10	11						1	1	4	3	3	9	3	10	8	20			1
80. Angina Pectoris	1		1											1	1			1			
81. Diseases of the Arteries (Atheroma, Aneurism, etc.)	3	2	1										2	1	1	1	1	3			
82. Embolism and Thrombosis	2	2								1			1			2		2			
83. Diseases of the Veins																					
84. Diseases of the Lymphatics																					
85. Hemorrhages—Other Diseases of the Circulatory System																					
IV. Diseases of the Respiratory System.																					
86. Diseases of the Nasal Fossae																					
87. Laryngitis																					
88. Diseases of the Thyreoid Body																					
89. Bronchitis, Acute																					
90. Bronchitis, Chronic																					
91. Broncho-Pneumonia	5	1	4	1	2	1			1					1	2	2	1	4			1
92. Pneumonia Lobar	11	7	4	4	1	4				3	1			2	7	3	1	10	1		
93. Pleurisy																					
94. Pulmonary Congestion and Apoplexy	1	1											1			1		1			
95. Gangrene of the Lung																					
96. Asthma																					
97. Pulmonary Emphysema																					
98. Other Diseases of the Respiratory System (Phthisis excepted)	1		1											1		1		1			

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		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
V. Diseases of the Digestive System.																					
99. Diseases of the Mouth and its Adnexa																					
100. Diseases of Pharynx																					
101. Diseases of the Oesophagus																					
102. Ulcer of the Stomach																					
103. Other Diseases of the Stomach (Cancer excepted)																					
104. Diarrhoea and Enteritis (under 2 years)	13	8	5	12	1	12									13			12			1
105. Diarrhoea and Enteritis (2 years & over)	3	1	2							1	1			1		2	1	3			
106. Ankylostomiasis																					
107. Intestinal Parasites																					
108. Appendicitis and typhlitis	1	1									1					1		1			
109. Hernia—Obstruction of Intestines	2	1	1									1	1			2		1	1		
110. Other Diseases of the Intestines																					
111. Acute Yellow Atrophy of Liver																					
112. Tumors, Hydatid, of the Liver																					
113. Cirrhosis of the Liver	4	2	2							1		1	2		1	2	1	4			
114. Biliary Calculi																					
115. Other Diseases of the Liver	2	1	1								1	1				2		2			
116. Diseases of the Spleen																					
117. Peritonitis, Simple (Puerperal excepted)	1	1							1							1		1			
118. Other Diseases of the Digestive System (Cancer and Tubercle excepted)																					
VI. Diseases of the Genito-Urinary System.																					
119. Nephritis, Acute	2	1	1								2				1	1		2			
120. Bright's Disease	12	5	7					2	1		3	2	1	3	4	4	4	12			
121. Chyluria																					
122. Other Diseases of the Kidneys																					
123. Calculi of the Urinary Tract																					
124. Diseases of the Bladder																					
125. Diseases of the Urethra, Urinary Abscess, etc.																					
126. Diseases of the Prostate																					
127. Nonvenereal Diseases of the Male Genital Organs																					
128. Hemorrhage, Uterine (nonpuerperal)																					
129. Tumors, Uterine (noncancerous)																					
130. Other Diseases of the Uterus																					
131. Ovarian Tumors and Cysts																					
132. Diseases of Tubes																					
132a. Other Diseases of the Female Genital Organs																					
133. Nonpuerperal Diseases of the Breast (Cancer excepted)																					
VII. Childbirth.																					
134. Accidents of Pregnancy																					
135. Hemorrhage, Puerperal																					
136. Other Accidents of Labor																					
137. Septicaemia, Puerperal																					
138. Albuminuria and Puerperal Eclampsia																					
139. Phlegmasia Alba Dolens Puerperal																					
140. Other Puerperal Accidents																					
141. Puerperal Diseases of Breast																					
VIII. Diseases of the Skin.																					
142. Gangrene																					
143. Furnucle																					
144. Abscess	1	1									1				1			1			
145. Other Diseases of the Skin	1	1								1						1		1			

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		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
IX. Diseases of the Locomotor System.																					
146. Diseases of the Bones (nontuberculous)	1		1				1								1			1			
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted)																					
148. Amputation																					
149. Other Diseases of the Organs of Locomotion																					
X. Malformations.																					
150. Hydrocephalus																					
150a. Congenital Malformation of Heart—Cyanosis																					
150b. Other Congenital Malformations																					
XI. Early Infancy.																					
151. Premature	5	3	2	5		5									5			3	1		1
151a Congenital Debility																					
152. Other Diseases of Early Infancy	5	3	2	5		5									5			3	1	1	
153. Lack of Care																					
XII. Old Age.																					
154. Senility	1		1											1			1	1			
XIII. External Causes.																					
Suicide (total):																					
155. Suicide by poison	3	2	1						1			2				3		3			
156. Suicide by asphyxia																					
157. Suicide by hanging or strangulation																					
158. Suicide by drowning																					
159. Suicide by firearms	3	3							1			1	1		1	2		3			
160. Suicide by cutting or piercing instruments																					
161. Suicide by jumping from high places																					
162. Suicide by crushing																					
163. Other suicides																					
163a. Accidental or undefined																					
164. Poisoning by food																					
165. Other acute poisonings	4	2	2	4		4									4			4			
166. Conflagration																					
167. Burns (conflagration excepted)	1		1	1		1									1			1			
168. Absorption of deleterious gases (conflagration excepted)																					
169. Accidental drowning	1	1							1						1			1			
170. Traumatism by firearms																					
171. Traumatism by cutting or piercing instruments																					
172. Traumatism by fall	1	1								1						1		1			
173. Traumatism in mines and quarries:																					
a. Traumatism in mines																					
b. Traumatism in quarries																					
174. Traumatism by machinery																					
175. Traumatism by other crushing																					
a. Railroad accidents and injuries	3	2	1					2	1						2	1		3			
b. Street-car accidents and injuries																					
c. Automobile accidents and injuries	2	2						1						1		2		2			
d. Injuries by other vehicles																					
e. Landslide, other crushing																					
176. Injuries by animals																					
177. Starvation																					
178. Excessive cold																					
179. Effects of heat																					
180. Lightning																					
181. Electricity (lightning excepted)																					
182. Homicide by firearms																					
183. Homicide by cutting or piercing instruments																					
184. Homicide by other means																					
185. Fractures (cause not specified)																					
186. Other external violence																					
XIV. Ill-Defined Diseases.																					
187. Ill-defined organic disease																					
188. Sudden Death																					
189. Not specified or ill-defined																					
189a. Ill-defined																					
189b. Not specified or unknown																					
189c. Other Ill-defined Diseases																					
189d. Unknown—Drowning																					

PLACES OF INTERMENT OR CREMATION

	Calif. Elec Crematory	Home of Peace	Evergreen Cemetery	Oakland Crematory	Mt. View Cemetery	St. Mary's Cemetery	Sunset	Other Cities
Deaths in City of Oakland	20	0	12	23	33	49	11	37
Received from other places	16	0	2	6	24	8	1	4
Total	36	0	14	29	57	57	12	41

Number of burial permits issued on Coroner's Certificates, 23

BIRTHS REPORTED DURING THE MONTH

Total	SEX			PARENTAGE				RACE		
	Male	Female	Unknown	American	Foreign	Mixed	Unknown	Caucasian	Black	Japanese Chinese
287	154	133	0	167	71	48	1	267	5	15

Stillborn, 10 Premature births, 5 Stillborn not included in mortality returns.

CONTAGIOUS AND INFECTIOUS DISEASES FOR THE MONTH

	Cases Reported	Death	Placarded	Premises Disinfected	No. of Rooms Disinfected
Croup	0	0	0	0	0
Bubonic Plague	0	0	0	0	0
Chicken Pox	0	0	0	0	0
Diphtheria—Contracted outside City	0	0	0	0	0
Diphtheria, local cases, inc. Membraneous Croup	8	0	8	4	14
Malarial Fever	0	0	0	0	0
Measles	—	—	—	—	—
Pulmonary Tuberculosis	11	13	0	11	33
Pulmonary Tub.—Cont. outside city	3	0	0	0	0
Scarlet Fever	6	1	6	1	7
Smallpox	0	0	0	0	0
Typhoid—Contracted outside City	10	2	0	0	0
Typhoid Fever, local cases	11	2	0	0	0
Premises disinfected at request of Physicians	—	—	—	4	10
Poliomyelitis—Cont. outside City	0	0	0	0	0
Cerebral Spinal Meningitis	0	0	0	0	0
TOTALS	49	18	14	20	64

SANITARY AND PLUMBING INSPECTION FOR THE MONTH

	S. F. GEMMELL San. Inspect.	A. CORDAN Asst. San. Inspe	J. J. BARRY Asst. San. Inspe	ASSIST. INSPECTORS	TOTALS
Number of Premises Inspected	45	62	35	733	875
Number of Re-inspections Made	57	56	62	591	766
Number of Nuisances Abated	41	23	9	283	356
Number of Nuisances in Course of Abatement	1	0	0	45	46
Number of Complaints without Cause	1	0	0	0	1
Number of Plumbing Plans Received	231	0	0	0	231
Garbage Cans Installed	2	0	2	114	118
Private Dwellings	131	0	0	0	131
Stores and Dwellings	3	0	0	0	3
Additions	26	0	0	0	26
New Work in Old Buildings	61	0	0	0	61
Flats and Apartments	44	0	0	0	44
Number of First Inspections	72	25	120	0	217
Number of Final Inspections	14	3	9	0	26
Number of Feet Ironstone Pipe Inspected	6400	1200	5500	0	13100
Number of Feet Cast-Iron Pipe Inspected	195	0	500	0	695
Number of Side Sewer Inspections	122	12	55	0	189
Number of Chinatown Inspections	1	0	0	0	1
Warehouse	1	0	0	0	1
Theatre	1	0	0	0	1
Churches	3	0	0	0	3
Notice to connect to sewer	0	0	0	141	141
Manure Boxes Installed	0	2	3	53	58
Cesspools Filled	0	0	0	0	0

REPORT OF CITY NURSES FOR MONTH OF SEPTEMBER, 1913.

	Miss Schmits	Miss Cronan	Miss Richards	Total
Number of Patients Cared for	42	82	101	225
Nursing Visits	170	185	19	374
Visits made in Behalf of Patients to Doctors' Offices, Friends, etc	37	33	65	0
Patients Attended at Tuberculosis Clinic, Other Clinics and Dispensaries, and at Office of the Associated Charities	19	37	131	135
Health Office Visits—Vaccination Assistance	5	5	0	10
Hours of Attendance at Health Office	9½	8	0	17½
Cases Reported By—				
Associated Charities	15	33	0	48
Catholic Ladies' Aid Society	2	4	0	6
Daughters of Israel Relief Society	6	2	0	8
Physicians	10	12	0	22
Families, Neighbors, and other Charitable Organizations	9	31	0	40
Diagnosis—				
Babies, (Malnutrition, etc.)	9	10	0	19
General Medical	22	61	0	83
General Surgical	8	11	0	19
Obstetrical	3	0	0	3
Tuberculosis	0	0	19	19
Disposition—				
Cured	12	10	0	22
Improved	4	23	0	27
Sent to Hospitals	3	3	1	7
Died	2	0	1	3
Remaining Under Treatment	21	16	84	121

REPORT OF FOOD INSPECTION DEPARTMENT FOR THE MONTH, SEPTEMBER, 1913.

R. A. Archibald, Chief Food Inspector.

Inspections of Free Market	29	Number of gallons of milk condemned	675
Inspections of other markets and stores	1044	Number of food samples collected	29
Inspections of fruit and vegetable wagons	126	Number of dairies and milk depots inspected	477
Inspections of fish wagons	6	Number of cows inspected	1748
Number of packages of food condemned	1	Number of cows condemned	4
Number of fowls and rabbits condemned	153	Number of horses examined for glanders	17
Number of pounds of vegetables condemned	0	Number of horses condemned for glanders	4
Number of pounds of fruit condemned	0	Number of horses treated and examined for the fire, police and street departments	45
Number of pounds of meat condemned	1398	Number of arrests	0
Number of pounds of fish condemned	9	Number of convictions	0
Number of milk samples collected	103		

MEAT INSPECTION

Number of cattle inspected	3934	Number of cattle condemned	71
Number of sheep inspected	23486	Number of sheep condemned	38
Number of hogs inspected	2094	Number of hogs condemned	18
Number of calves inspected	2122	Number of calves condemned	24

BACTERIOLOGICAL LABORATORY REPORT FOR THE MONTH

Pauline S. Nusbaumer, M. D., Bacteriologist.

REPORT OF BACTERIOLOGICAL EXAMINATIONS

DIAGNOSIS OF DIPHTHERIA.

Number of First Cultures examined	27	Positive First Cultures	2
Number of Second Cultures examined	27	Negative First Cultures	25
Total	54	Total	27

EXAMINATIONS FOR TUBERCULOSIS

Number of Positive	14
Number of Negative	33
Total	47

WIDAL TEST FOR TYPHOID FEVER

Number of Positive	8
Number of Negative	22
Total	30

RABIES REPORT.

41 positive dog brains examined.
15 negative dog brains examined.
12 persons bitten by rabid dogs.
14 persons taking Pasteur Treatment.

CHEMICAL LABORATORY REPORT FOR THE MONTH

Jessie V. Berry, Chemist.

One hundred and eighteen milk samples were examined for the percentage of butterfat, total solids, solids not fat and specific gravity. Of these sixteen were below standard.

Three wine examinations—Up to standard.

Five water analyses—Conditions satisfactory.

OAKLAND ENQUIRER PUB. CO.
Oakland, California

9614.1
O24

HEALTH DEPARTMENT
CITY OF OAKLAND, CALIFORNIA
POPULATION 165,000

VITAL STATISTICS
FOR THE MONTH OF OCTOBER, 1913

F. C. TURNER, Commissioner, Dept. of Public Health and Safety.

EDWARD N. EWER, M. D., Health Officer. JOHN H. MELLON, Office Secretary.

METEOROLOGICAL

Meteorological synopsis for October, 1913, taken daily at Chabot Observatory at 7 a. m. and 7 p. m. Latitude 37 deg. 48 min. .05 sec. N. Longitude 122 deg. 16 min. 38.25 sec. W. Height above the sea, 36.4 feet.

BAROMETER	INCHES
Mean barometer of the month	30.013
Highest barometer of the month, 18	30.21
Lowest barometer of the month, 1	29.78
Monthly range	.43

THERMOMETER	DEGS.
Mean temperature of the month	60.2
Mean temperature of the warmest day, 1	73.5
Mean temperature of the coldest day, 24	54.5
Maximum temperature, 1	89.0
Minimum temperature, 15	46.0
Mean highest temperature	68.8
Mean lowest temperature	51.7
Greatest daily variation, 1	31.0
Least daily variation, 23	6.0
Monthly range of temperature	43.0
Mean daily range of temperature	17.2

PRECIPITATION	INCHES
Rainfall in inches since July	.26
Rainfall in inches during the month	.12

RELATIVE HUMIDITY	
Mean relative humidity of the month	80.0
Highest humidity for 24 hours, 26, 27, 28	94.0
Lowest humidity for 24 hours, 11	51.5
Maximum humidity, 26, 27, 28	100.0
Minimum humidity, 19	47.0
Monthly range	53.0

WEATHER	
Number of clear days	21
Number of fair days	4
Number of cloudy days	6
Number of days in which rain fell	1
Number of mornings of low fog	5
Number of mornings of high fog (overcast)	5
Number of mornings that frost was seen	0

WIND, 93 OBSERVATIONS	
North	6
Northeast	3
East	12
Southeast	4
South	1
Southwest	4
West	48
Northwest	15
Greatest velocity for one day, 5	128 miles
Greatest velocity for one hour, 3, 5, 8	9 miles
Total distance for one month	1,702 miles
Average daily velocity	55 miles

Other Phenomena.

Slight earthquake October 25th, 2:15 A. M.

CHARLES BURCKHALTER, Observer.

COMPARATIVE MONTHLY MORTALITY

Months	Deaths	Estimated Population	Annual Death Rate per 1,000 for month
Oct. 1882	49	36,000	16.33
" 1883	48	38,000	15.15
" 1884	42	39,000	12.92
" 1885	50	43,000	13.35
" 1886	45	46,000	11.73
" 1887	57	50,000	13.68
" 1888	81	55,000	17.67
" 1889	66	60,000	13.20
" 1890	57	60,000	11.40
" 1891	68	60,000	13.60
" 1892	77	60,000	15.40
" 1893	56	60,000	11.20
" 1894	76	60,000	15.20
" 1895	64	60,000	12.80
" 1896	57	60,000	11.40
" 1897	66	75,000	10.56
" 1898	80	75,000	12.80
" 1899	70	75,000	11.20
" 1900	89	75,000	14.24
" 1901	77	75,000	12.32
" 1902	90	83,000	13.01
" 1903	87	83,000	12.57
" 1904	82	83,000	11.84
" 1905	107	90,000	14.26
" 1906	160	165,000	11.63
" 1907	156	140,000	13.37
" 1908	151	140,000	12.94
" 1909	151	145,000	12.49
" 1910	161	150,000	12.88
" 1911	163	156,000	12.03
" 1912	185	165,000	13.45
" 1913	160	165,000	12.00

COMPARATIVE MONTHLY MORTALITY From Zymotic Diseases

Months	Deaths	Annual Death Rate per 1,000 for month
Oct. 1882	8	2.66
" 1883	10	3.15
" 1884	7	2.15
" 1885	10	2.79
" 1886	11	2.86
" 1887	16	3.84
" 1888	14	3.05
" 1889	17	3.40
" 1890	11	2.20
" 1891	10	2.00
" 1892	11	2.20
" 1893	5	1.00
" 1894	4	.80
" 1895	3	.60
" 1896	6	1.20
" 1897	4	.64
" 1898	4	.64
" 1899	3	.48
" 1900	6	.96
" 1901	1	.16
" 1902	9	1.30
" 1903	5	.72
" 1904	4	.57
" 1905	3	.40
" 1906	6	1.03
" 1907	13	1.11
" 1908	1	.85
" 1909	2	.16
" 1910	6	.48
" 1911	5	.38
" 1912	7	.59
" 1913	4	.99

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH. (Bertillon Classification.)	Deaths reported during month, October, 1913.	Sex.		Age by Years.											Social Relation.			Color.			
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
DEATHS FROM ALL CAUSES.	160	94	66	25	6	25	3	14	7	13	18	17	19	38	61	58	41	148	5	1	6
I. General Diseases	37	26	11	2	1	2	2	4	4	6	5	4	4	5	16	15	6	31	4		2
II. Diseases of Nervous System	19	9	10	3	1	3				1	1	3	4	6	6	6	7	18			1
III. Diseases of the Circulatory System	28	15	13		1			2	1	2	2	3	7	10	4	13	11	26	1		1
IV. Diseases of the Respiratory System	17	11	6	6	2	6		2		2	2	2	1		10	5	2	15			2
V. Diseases of the Digestive System	15	9	6	6		6		1	1		2	1	1	3	8	5	2	15			
VI. Diseases of the Genito-Urinary System	15	7	8					2		2	1	3	1	6	4	8	3	15			
VII. Childbirth	1		1					1								1		1			
VIII. Diseases of the Skin	1	1										1				1		1			
IX. Diseases of the Locomotor System																					
X. Malformations	3	1	2	2	1	2									3			3			
XI. Early Infancy	5	3	2	5		5									5			4		1	
XII. Old Age	5	3	2											5		2	3	5			
XIII. External Causes	3	8	5	1		1	1	2	1		5			3	5	2	6	13			
XIV. Ill-Defined Diseases	7	1											1				1	1			
I. General Diseases																					
(a) Epidemic Diseases.																					
1. Typhoid Fever	1	1	1						1	1						2		2			
2. Typhus, Exanthematic																					
3. Fever, Recurrent																					
4. Fever, Intermit't and Malar'l Cachexia																					
5. Smallpox																					
6. Measles																					
7. Scarlet Fever																					
8. Whooping Cough																					
9. Diphtheria	2	2		1		1	1								2			2			
9a. Croup																					
10. Influenza																					
11. Miliary Fever																					
12. Cholera, Asiatic																					
13. Cholera, nostras																					
14. Dysentery																					
15. Pest (Plague)																					
16. Yellow Fever																					
17. Leprosy																					
18. Erysipelas																					
19. Other Epidemic Diseases																					
(b) Other General Diseases.																					
20. Purulent Infection and Septicaemia																					
21. Glanders and Farcy																					
22. Malig't Pustule and Charbon (Anthrax)																					
23. Rabies																					
24. Tetanus																					
25. Mycoses																					
26. Pellagra																					
27. Beriberi																					
28. Tuberculosis of Lungs	17	13	4	1		1	1	2	3	5	4		1		11	5	1	11	4		2
29. Acute Miliary Tuberculosis																					
30. Tuberculous Meningitis	1	1						1							1			1			
31. Tuberculosis, Abdominal	1		1		1										1			1			
32. Pott's Disease																					
33. White Swelling																					
34. Tuberculosis of Other Organs																					
35. Disseminated Tuberculosis																					
36. Rickets																					
37. Syphilis																					
38. Gonococcus Infection																					
39. Cancer and Other Malignant Tumors of the Buccal Cavity																					
40. Cancer and Other Malignant Tumors of the Stomach and Liver	2	1	1										1	1			2	2			
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	1	1												1		1		1			
42. Cancer and Other Malignant Tumors of the Female Genital Organs	3		3									3				2	1	3			
43. Cancer and Other Malignant Tumors of the Breast																					

MONTHLY STATEMENT OF DEATHS—Cont'd

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		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
44 Cancer and Other Malignant Tumors of the Skin																					
45. Cancer and Other Malignant Tumors of Other Organs & Organs not Specified	4	4						1					1	2	1	2	1	4			
46. Other Tumors (Tumors of the Female Genital Organs excepted)																					
47. Rheumatism, Acute, Articular																					
48. Rheumatism, Chronic, and Gout																					
49. Scurvy																					
50. Diabetes	3	2	1								1		1	1		2	1	3			
51. Goitre, Exophthalmic																					
52. Addison's Disease																					
53. Leukaemia																					
54. Anaemia, Chlorosis																					
55. Other General Diseases																					
56. Alcoholism, Acute and Chronic	1	1										1				1		1			
57. Lead Poisoning																					
58. Other chronic occupation poisonings																					
59. Other Chronic Poisonings																					
II. Diseases of the Nervous System.																					
60. Encephalitis																					
61. Meningitis, Simple	3	2	1		1					1		1			1	2		3			
61a. Meningitis, Epidemic Cerebro-spinal																					
62. Locomotor Ataxia, Progressive																					
63. Other Diseases of the Spinal Cord	1	1										1				1		1			
64. Apoplexy Cerebral	9	4	5								1	2	3	3	1	3	5	8			1
65. Cerebral Softening	1		1											1			1	1			
65a. Infantile Paralysis																					
66. Paralysis	1		1											1			1	1			
67. Paralysis, General, of Insane	1	1												1	1			1			
68. Other forms of Mental Disease																					
69. Epilepsy																					
70. Convulsions (nonpuerperal)																					
71. Convulsions of Infants	2		2	2		2									2			2			
72. Chorea																					
73. Neuralgia and Neuritis																					
74. Other Diseases of the Nervous System	1	1		1		1									1			1			
75. Diseases of the Eye and Its Adnexa																					
76. Diseases of the Ear																					
III. Diseases of the Circulatory System.																					
77. Pericarditis																					
78. Endocarditis, Acute	2	1	1					1			1				1	1		2			
79. Organic Diseases of the Heart	23	13	10		1			1	1	2	1	3	6	8	3	11	9	21	1		1
80. Angina Pectoris																					
81. Diseases of the Arteries (Atheroma, Aneurism, etc.)	3	1	2										1	2		1	2	3			
82. Embolism and Thrombosis																					
83. Diseases of the Veins																					
84. Diseases of the Lymphatics																					
85. Hemorrhages—Other Diseases of the Circulatory System																					
IV. Diseases of the Respiratory System.																					
86. Diseases of the Nasal Fossae																					
87. Laryngitis																					
88. Diseases of the Thyreoid Body																					
89. Bronchitis, Acute	1	1								1						1					1
90. Bronchitis, Chronic																					
91. Broncho-Pneumonia	7	3	4	4		4		2					1		6		1	7			
92. Pneumonia Lobar	9	7	2	2	2	2			1	2	2				4	4	1	8			1
93. Pleurisy																					
94. Pulmonary Congestion and Apoplexy																					
95. Gangrene of the Lung																					
96. Asthma																					
97. Pulmonary Emphysema																					
98. Other Diseases of the Respiratory System (Phthisis excepted)																					

MONTHLY STATEMENT OF DEATHS—Cont'd

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		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
V. Diseases of the Digestive System.																					
99. Diseases of the Mouth and its Adnexa																					
100. Diseases of Pharynx																					
101. Diseases of the Oesophagus																					
102. Ulcer of the Stomach	1	1												1			1	1			
103. Other Diseases of the Stomach (Cancer excepted)																					
104. Diarrhoea and Enteritis (under 2 years)	6	4	2	6		6									6			6			
105. Diarrhoea and Enteritis (2 years & over)																					
106. Ankylostomiasis																					
107. Intestinal Parasites																					
108. Appendicitis and typhlitis	1	1										1				1		1			
109. Hernia—Obstruction of Intestines	3	3											1	2		2	1	3			
110. Other Diseases of the Intestines																					
111. Acute Yellow Atrophy of Liver																					
112. Tumors, Hydatid, of the Liver																					
113. Cirrhosis of the Liver	1		1						1							1		1			
114. Biliary Calculi																					
115. Other Diseases of the Liver																					
116. Diseases of the Spleen																					
117. Peritonitis, Simple (Puerperal excepted)	3		3					1			2				2	1		3			
118. Other Diseases of the Digestive System (Cancer and Tubercle excepted)																					
VI. Diseases of the Genito-Urinary System.																					
119. Nephritis, Acute																					
120. Bright's Disease	13	7	6						2	1	3	1	6		2	8	3	13			
121. Chyluria																					
122. Other Diseases of the Kidneys																					
123. Calculi of the Urinary Tract																					
124. Diseases of the Bladder																					
125. Diseases of the Urethra, Urinary Abscess, etc.																					
126. Diseases of the Prostate																					
127. Nonvenereal Diseases of the Male Genital Organs																					
128. Hemorrhage, Uterine (nonpuerperal)	1		1					1							1			1			
129. Tumors, Uterine (noncancerous)																					
130. Other Diseases of the Uterus																					
131. Ovarian Tumors and Cysts																					
132. Diseases of Tubes	1		1					1							1			1			
132a. Other Diseases of the Female Genital Organs																					
133. Nonpuerperal Diseases of the Breast (Cancer excepted)																					
VII. Childbirth.																					
134. Accidents of Pregnancy																					
135. Hemorrhage, Puerperal																					
136. Other Accidents of Labor																					
137. Septicaemia, Puerperal																					
138. Albuminuria and Puerperal Eclampsia	1		1					1								1		1			
139. Phlegmasia Alba Dolens Puerperal																					
140. Other Puerperal Accidents																					
141. Puerperal Diseases of Breast																					
VIII. Diseases of the Skin.																					
142. Gangrene	1	1										1				1		1			
143. Furnucle																					
144. Abscess																					
145. Other Diseases of the Skin																					

MONTHLY STATEMENT OF DEATHS—Cont'd

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		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
IX. Diseases of the Locomotor System.																					
146. Diseases of the Bones (nontuberculous)																					
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted)																					
148. Amputation																					
149. Other Diseases of the Organs of Locomotion																					
X. Malformations.																					
150. Hydrocephalus	3	1	2	2	1	2									3			3			
150a. Congenital Malformation of Heart—Cyanosis																					
150b. Other Congenital Malformations																					
XI. Early Infancy.																					
151. Premature	3	2	1	3		3									3			2		1	
151a. Congenital Debility																					
152. Other Diseases of Early Infancy	2	1	1	2		2									2			2			
153. Lack of Care																					
XII. Old Age.																					
154. Senility	5	3	2											5		2	3	5			
XIII. External Causes.																					
Suicide (total):																					
155. Suicide by poison	1		1					1									1	1			
156. Suicide by asphyxia	1	1							1								1	1			
157. Suicide by hanging or strangulation	1		1							1						1		1			
158. Suicide by drowning	1		1					1							1			1			
159. Suicide by firearms																					
160. Suicide by cutting or piercing instruments																					
161. Suicide by jumping from high places																					
162. Suicide by crushing																					
163. Other suicides																					
163a. Accidental or undefined																					
164. Poisoning by food																					
165. Other acute poisonings	2		2	1		1								1	1		1	2			
166. Conflagration																					
167. Burns (conflagration excepted)																					
168. Absorption of deleterious gases (conflagration excepted)																					
169. Accidental drowning																					
170. Traumatism by firearms																					
171. Traumatism by cutting or piercing instruments																					
172. Traumatism by fall	2	2								1				1	1		1	2			
173. Traumatism in mines and quarries:																					
a. Traumatism in mines																					
b. Traumatism in quarries																					
174. Traumatism by machinery																					
175. Traumatism by other crushing																					
a. Railroad accidents and injuries	3	3						1		1				1	1		2	3			
b. Street-car accidents and injuries																					
c. Automobile accidents and injuries																					
d. Injuries by other vehicles																					
e. Landslide, other crushing																					
176. Injuries by animals	1	1					1								1			1			
177. Starvation																					
178. Excessive cold																					
179. Effects of heat																					
180. Lightning																					
181. Electricity (lightning excepted)																					
182. Homicide by firearms	1	1								1						1		1			
183. Homicide by cutting or piercing instruments																					
184. Homicide by other means																					
185. Fractures (cause not specified)																					
186. Other external violence																					
XIV. Ill-Defined Diseases.																					
187. Ill-defined organic disease																					
188. Sudden Death																					
189. Not specified or ill-defined	1	1											1				1	1			
189a. Ill-defined																					
189b. Not specified or unknown																					
189c. Other Ill-defined Diseases																					
189d. Unknown—Drowning																					

PLACES OF INTERMENT OR CREMATION

	Calif. Elec Crematory	Home of Peace	Evergreen Cemetery	Oakland Crematory	Mt. View Cemetery	St. Mary's Cemetery	Sunset	Other Cities
Deaths in City of Oakland	17	2	14	18	28	48	9	34
Received from other places	19	0	4	7	13	9	0	2
Total	36	2	18	25	41	57	9	3

Number of burial permits issued on Coroner's Certificates, 15

BIRTHS REPORTED DURING THE MONTH

Total	SEX			PARENTAGE				RACE		
	Male	Female	Unknown	American	Foreign	Mixed	Unknown	Caucasian	Black	Japanese Chinese
254	126	128	0	128	84	41	1	235	5	14

Stillborn, 10 Premature births, 3 Stillborn not included in mortality returns.

CONTAGIOUS AND INFECTIOUS DISEASES FOR THE MONTH

	Cases Reported	Death	Placarded	Premises Disinfected	No. of Rooms Disinfected
Croup	0	0	0	0	0
Bubonic Plague	0	0	0	0	0
Chicken Pox	0	0	0	0	0
Diphtheria—Contracted outside City	2	1	2	0	0
Diphtheria, local cases, inc. Membraneous Croup	20	1	20	11	33
Malarial Fever	0	0	0	0	0
Measles	0	0	0	0	0
Pulmonary Tuberculosis	13	17	0	16	65
Pulmonary Tub.—Cont. outside city	5	0	0	0	0
Scarlet Fever	14	0	14	3	19
Smallpox	0	0	0	0	0
Typhoid—Contracted outside City	9	0	0	0	0
Typhoid Fever, local cases	33	2	0	0	0
Premises disinfected at request of Physicians	—	—	—	3	14
Poliomyelitis	1	0	1	0	0
Cerebral Spinal Meningitis	0	0	0	0	0
TOTALS	97	21	37	33	131

SANITARY AND PLUMBING INSPECTION FOR THE MONTH

	S. F. GEMMELL San. Inspect.	A. CORDAN Asst. San. Inspe	J. J. BARRY Asst. San. Inspe	ASSIST. INSPECTORS	TOTALS
Number of Premises Inspected	32	36	83	1371	1152
Number of Re-inspections Made	31	72	143	600	946
Number of Nuisances Abated	27	19	2	188	236
Number of Nuisances in Course of Abatement	3	0	0	412	415
Number of Complaints without Cause	2	0	0	9	11
Number of Plumbing Plans Received	249	0	0	0	249
Garbage Cans Installed	0	0	0	206	206
Private Dwellings	133	0	0	0	133
Stores and Dwellings	4	0	0	0	4
Additions	19	0	0	0	19
New Work in Old Buildings	82	0	0	0	82
Flats and Apartments	32	0	0	0	32
Number of First Inspections	82	136	103	0	321
Number of Final Inspections	24	23	3	0	50
Number of Feet Ironstone Pipe Inspected	8500	8200	7000	0	23700
Number of Feet Cast-Iron Pipe Inspected	590	640	750	0	1980
Number of Side Sewer Inspections	127	82	71	0	280
Stable	1	0	0	0	1
Garage	2	0	0	0	2
Factory	2	0	0	0	2
Bakery	1	0	0	0	1
Theatre	1	0	0	0	1
Manure Boxes Installed	0	0	2	0	2
Notice to install manure box	0	0	0	37	37
Notice to connect to sewer	0	0	0	108	108
Stables Inspected	6	0	0	118	118

REPORT OF CITY NURSES FOR MONTH OF OCTOBER, 1913.

	Miss Schmits	Miss Cronan	Miss Richards	Total
Number of Patients Cared for	51	89	0	140
Nursing Visits	162	209	112	463
Visits made in Behalf of Patients to Doctors' Offices, Friends, etc	26	41	95	162
Patients Attended at Tuberculosis Clinic, Other Clinics and Dispensaries, and at Office of the Associated Charities	9	42	213	354
Health Office Visits—Vaccination Assistance	4	9	0	13
Hours of Attendance at Health Office	3½	7¼	0	10¾
Cases Reported By—				
Associated Charities	9	30	0	39
Catholic Ladies' Aid Society	2	8	0	10
Daughters of Israel Relief Society	3	3	0	6
Physicians	11	13	0	24
Families, Neighbors, and other Charitable Organizations	8	35	0	0
Health Department	18		0	0
Diagnosis—				
Babies, (Malnutrition, etc.)	6	13	0	19
General Medical	29	64	0	93
General Surgical	14	12	0	26
Obstetrical	2	0	0	2
Tuberculosis	0	0	0	0
Disposition—				
Cured	23	49	0	72
Improved	8	21	0	29
Sent to Hospitals	4	4	6	8
Died	2	1	0	3
Remaining Under Treatment	14	15	100	129

REPORT OF FOOD INSPECTION DEPARTMENT FOR THE MONTH, OCTOBER, 1913.

R. A. Archibald, Chief Food Inspector.

Inspections of Free Market	38	Number of milk samples collected	174
Inspections of other markets and stores	1259	Number of gallons of milk condemned	34
Inspections of fruit and vegetable wagons	71	Number of food samples collected	78
Inspections of fish wagons	3	Number of dairies and milk depots inspected	594
Number of packages of food condemned	0	Number of cows inspected	2285
Number of fowls and rabbits condemned	226	Number of cows condemned	4
Number of pounds of vegetables condemned	0	Number of horses examined for glanders	19
Number of pounds of fruit condemned	20	Number of horses condemned for glanders	6
Number of pounds of meat condemned	1309	Number of horses treated and examined for the fire, police and street departments	45
Number of pounds of fish condemned	0		

MEAT INSPECTION

Number of cattle inspected	4171	Number of cattle condemned	61
Number of sheep inspected	25269	Number of sheep condemned	17
Number of hogs inspected	1864	Number of hogs condemned	8
Number of calves inspected	1899	Number of calves condemned	16

BACTERIOLOGICAL LABORATORY REPORT FOR THE MONTH

Pauline S. Nusbaumer, M. D., Bacteriologist.

REPORT OF BACTERIOLOGICAL EXAMINATIONS

DIAGNOSIS OF DIPHTHERIA.

Number of First Cultures examined	53	Positive First Cultures	10
Number of Second Cultures examined	29	Negative First Cultures	43
Total	82	Total	53

EXAMINATIONS FOR TUBERCULOSIS

Number of Positive	8
Number of Negative	20
Total	28

WIDAL TEST FOR TYPHOID FEVER

Number of Positive	16
Number of Negative	52
Total	68

RABIES REPORT.

66 positive dog brains examined.
40 negative dog brains examined.
17 persons bitten by rabid dogs.
20 persons taking Pasteur Treatment.

CHEMICAL LABORATORY REPORT FOR THE MONTH

Jessie V. Berry, Chemist.

50 samples of city water were examined for bacterial content.

29 samples of dairy milk examined for bacterial content. 7 samples showed a bacterial content of over 100,000 bacteria per c. c.

One hundred and seventy-one milk samples were examined for specific gravity, total solids, solids not fat and butterfat. Of these thirteen (13) were below standard.

Twenty-seven water analyses. These included many samples from the city supply and also various bottled waters being sold in the market.

OAKLAND ENQUIRER PUB. CO.
Oakland, California

8614.1
Oa4v
Stacks

HEALTH DEPARTMENT

CITY OF OAKLAND, CALIFORNIA

POPULATION 165,000

VITAL STATISTICS

FOR THE MONTH OF NOVEMBER, 1913

F. C. TURNER, Commissioner, Dept. of Public Health and Safety.

ALLAN F. GILLIHAN, Director of Health. JOHN H. MELLON, Office Secretary.

METEOROLOGICAL

Meteorological synopsis for November, 1913, taken daily at Chabot Observatory at 7 a. m. and 7 p. m. Latitude 37 deg. 48 min. .05 sec. N. Longitude 122 deg. 16 min. 38.25 sec. W. Height above the sea, 36.4 feet.

BAROMETER	INCHES
Mean barometer of the month	30.029
Highest barometer of the month, 22	30.30
Lowest barometer of the month, 18	29.63
Monthly range	.67

THERMOMETER	DEGS
Mean temperature of the month	54.3
Mean temperature of the warmest day, 7	62.0
Mean temperature of the coldest day, 22	48.0
Maximum temperature, 7	72.0
Minimum temperature, 22, 24	40.0
Mean highest temperature	59.5
Mean lowest temperature	49.2
Greatest daily variation, 7	20.0
Least daily variation, 1	4.0
Monthly range of temperature	32.0
Mean daily range of temperature	10.3

PRECIPITATION	INCHES
Rainfall in inches since July 1st	5.94
Rainfall in inches during the month	5.68

RELATIVE HUMIDITY	
Mean relative humidity of the month	86.4
Highest humidity for 24 hours, 1, 2, 4, 9	94.0
Lowest humidity for 24 hours, 30	53.5
Maximum humidity, 7	100.0
Minimum humidity, 30	42.0
Monthly range	58.0

WEATHER	
Number of clear days	6
Number of fair days	8
Number of cloudy days	16
Number of days in which rain fell	15
Number of mornings of low fog	1
Number of mornings of high fog (overeast)	3
Number of mornings that frost was seen	1

WIND, 90 OBSERVATIONS	
North	5
Northeast	10
East	17
Southeast	20
South	8
Southwest	5
West	18
Northwest	7
Greatest velocity for one day, 30	172 miles
Greatest velocity for one hour, 18	13 miles
Total distance for one month	2,242 miles
Average daily velocity	74.7 miles

Other Phenomena.

Nothing unusual.

CHARLES BURCKHALTER, Observer.

COMPARATIVE MONTHLY MORTALITY

Months	Deaths	Estimated Population	Annual Death Rate per 1,000 for month
Nov. 1882	49	36,000	16.33
" 1883	48	38,000	15.15
" 1884	40	39,000	12.30
" 1885	38	43,000	10.60
" 1886	46	46,000	12.00
" 1887	69	50,000	16.56
" 1888	70	55,000	15.27
" 1889	50	60,000	11.80
" 1890	50	60,000	11.20
" 1891	69	60,000	13.80
" 1892	50	60,000	10.00
" 1893	56	60,000	11.80
" 1894	59	60,000	11.20
" 1895	72	60,000	14.20
" 1896	62	60,000	12.40
" 1897	65	75,000	10.40
" 1898	86	75,000	13.76
" 1899	83	75,000	13.28
" 1900	86	75,000	13.76
" 1901	75	75,000	12.00
" 1902	88	83,000	12.72
" 1903	90	83,000	13.00
" 1904	88	83,000	12.72
" 1905	101	90,000	13.46
" 1906	207	140,000	17.74
" 1907	169	140,000	14.43
" 1908	128	140,000	10.97
" 1909	150	145,000	12.41
" 1910	167	150,000	13.26
" 1911	177	156,000	13.55
" 1912	171	165,000	12.43
" 1913	165	165,000	12.00

COMPARATIVE MONTHLY MORTALITY From Zymotic Diseases

Months	Deaths	Annual Death Rate per 1,000 for month
Nov 1882	6	2.00
" 1883	7	2.21
" 1884	3	.92
" 1885	5	1.67
" 1886	12	3.13
" 1887	12	2.88
" 1888	18	3.92
" 1889	11	2.20
" 1890	10	2.00
" 1891	15	3.00
" 1892	7	1.40
" 1893	6	1.20
" 1894	2	.04
" 1895	6	1.20
" 1896	6	1.20
" 1897	6	.96
" 1898	6	.96
" 1899	3	.48
" 1900	2	.32
" 1901	1	.16
" 1902	8	1.15
" 1903	7	.98
" 1904	3	.42
" 1905	5	.59
" 1906	14	1.2
" 1907	13	1 11
" 1908	2	.17
" 1909	5	.41
" 1910	2	.16
" 1911	7	.53
" 1912	3	.21
" 1913	7	.509

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH. (Bertillon Classification.)	Deaths reported during month, November, 1913.	Sex.		Age by Years.											Social Relation.			Color.			
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married.	Widowed. Divorced. Unas.	White.	Chinese.	Japanese.	African.
DEATHS FROM ALL CAUSES.	165	88	77	21	2	21	4	1	7	16	19	26	32	37	44	76	45	155	4	2	4
I. General Diseases	48	25	23	2	1	2	4	1	4	6	7	12	7	4	14	26	8	44	2		2
II. Diseases of Nervous System	15	7	8	2		2					2	1	7	3		10	5	15			
III. Diseases of the Circulatory System	36	20	16						1	1	2	7	10	15	5	15	16	33	1		2
IV. Diseases of the Respiratory System	17	11	6	2	1	2			1	3	4	1	3	2	7	6	4	17			
V. Diseases of the Digestive System	16	9	7	6		6				3	1	2	3	1	8	5	3	14	1	1	
VI. Diseases of the Genito-Urinary System	14	5	9							1	3	3	1	6		10	4	14			
VII. Childbirth	1		1							1						1		1			
VIII. Diseases of the Skin																					
IX. Diseases of the Locomotor System																					
X. Malformations	2	2		2		2									2			1		1	
XI. Early Infancy	6	3	3	6		6									6			6			
XII. Old Age	4	1	3											4		1	3	4			
XIII. External Causes	5	4	1						1	1			1	2	1	2	2	5			
XIV. Ill-Defined Diseases	1	1		1		1									1			1			
I. General Diseases																					
(a) Epidemic Diseases.																					
1. Typhoid Fever	2		2						1			1			1	1		2			
2. Typhus, Exanthematic																					
3. Fever, Recurrent																					
4. Fever, Intermitt't and Malar'l Cachexia																					
5. Smallpox																					
6. Measles																					
7. Scarlet Fever	1		1				1								1			1			
8. Whooping Cough																					
9. Diphtheria	4	3	1				3								4			4			
9a. Croup																					
10. Influenza																					
11. Miliary Fever																					
12. Cholera, Asiatic																					
13. Cholera, nostras																					
14. Dysentery																					
15. Pest (Plague)																					
16. Yellow Fever																					
17. Leprosy																					
18. Erysipelas																					
19. Other Epidemic Diseases																					
(b) Other General Diseases.																					
20. Purulent Infection and Septicaemia																					
21. Glanders and Farcy																					
22. Malig't Pustule and Charbon (Anthrax)																					
23. Rabies																					
24. Tetanus																					
25. Mycoses																					
26. Pellagra																					
27. Beriberi																					
28. Tuberculosis of Lungs	18	11	7					1	3	3	4	5		2	4	10	4	14	2		2
29. Acute Miliary Tuberculosis																					
30. Tuberculous Meningitis	2	1	1	1		1				1					1	1		2			
31. Tuberculosis, Abdominal	2	1	1							1			1			1	1	2			
32. Pott's Disease																					
33. White Swelling																					
34. Tuberculosis of Other Organs																					
35. Disseminated Tuberculosis																					
36. Rickets																					
37. Syphilis	1		1	1		1									1			1			
38. Gonococcus Infection																					
39. Cancer and Other Malignant Tumors of the Buccal Cavity																					
40. Cancer and Other Malignant Tumors of the Stomach and Liver	9	5	4							1		5	1	2		7	2	9			
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum																					
42. Cancer and Other Malignant Tumors of the Female Genital Organs	2		2										2			2		2			
43. Cancer and Other Malignant Tumors of the Breast																					

MONTHLY STATEMENT OF DEATHS—Cont'd

CAUSES OF DEATH. (Bertillon Classification.)	Deaths reported during month, November, 1913.	Sex.		Age by Years.											Social Relation.			Color.			
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
44 Cancer and Other Malignant Tumors of the Skin																					
45 Cancer and Other Malignant Tumors of Other Organs & Organs not Specified	3	1	2								1	1	1		1	1	1	3			
46. Other Tumors (Tumors of the Female Genital Organs excepted)																					
47. Rheumatism, Acute, Articular																					
48. Rheumatism, Chronic, and Gout																					
49. Scurvy																					
50. Diabetes	3	2	1								2		1		1	2		3			
51. Goitre, Exophthalmic																					
52. Addison's Disease																					
53. Leukaemia																					
54. Anaemia, Chlorosis	1	1										1				1		1			
55. Other General Diseases																					
56. Alcoholism, Acute and Chronic																					
57. Lead Poisoning																					
58. Other chronic occupation poisonings																					
59. Other Chronic Poisonings																					
II. Diseases of the Nervous System.																					
60. Encephalitis	1	1									1					1		1			
61. Meningitis, Simple	2	1	1		2											2		2			
61a. Meningitis, Epidemic Cerebro-spinal																					
62. Locomotor Ataxia, Progressive																					
63. Other Diseases of the Spinal Cord																					
64. Apoplexy Cerebral	11	4	7								1	1	7	3		7	4	11			
65. Cerebral Softening																					
65a. Infantile Paralysis																					
66. Paralysis																					
67. Paralysis, General, of Insane																					
68. Other forms of Mental Disease																					
69. Epilepsy	1	1									1						1	1			
70. Convulsions (nonpuerperal)																					
71. Convulsions of Infants																					
72. Chorea																					
73. Neuralgia and Neuritis																					
74. Other Diseases of the Nervous System																					
75. Diseases of the Eye and Its Adnexa																					
76. Diseases of the Ear																					
III. Diseases of the Circulatory System.																					
77 Pericarditis																					
78. Endocarditis, Acute	1		1											1		1		1			
79. Organic Diseases of the Heart	30	18	12						1	1	1	7	8	12	5	12	13	25	1		2
80. Angina Pectoris	2	1	1										1	1		1	1	2			
81. Diseases of the Arteries (Atheroma, Aneurism, etc.)	1	1									1						1	1			
82. Embolism and Thrombosis	2		2										1	1		1	1	2			
83. Diseases of the Veins																					
84. Diseases of the Lymphatics																					
85. Hemorrhages—Other Diseases of the Circulatory System																					
IV. Diseases of the Respiratory System.																					
86. Diseases of the Nasal Fossae																					
87. Laryngitis																					
88. Diseases of the Thyreoid Body																					
89. Bronchitis, Acute	1		1				1								1			1			
90. Bronchitis, Chronic																					
91. Broncho-Pneumonia	6	4	2	1		1			1	1		1	1	1	2	2	2	6			
92. Pneumonia Lobar	8	6	2							1	4		2	1	3	3	2	8			
93. Pleurisy																					
94. Pulmonary Congestion and Apoplexy	2	1	1	1		1				1					1	1		2			
95. Gangrene of the Lung																					
96. Asthma																					
97. Pulmonary Emphysema																					
98. Other Diseases of the Respiratory System (Phthisis excepted)																					

MONTHLY STATEMENT OF DEATHS—Cont'd

CAUSES OF DEATH. (Bertillon Classification)	Deaths reported during month, November, 1913.	Sex.		Age by Years.											Social Relation.			Color.			
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
V. Diseases of the Digestive System.																					
99. Diseases of the Mouth and its Adnexa																					
100. Diseases of Pharynx																					
101. Diseases of the Oesophagus																					
102. Ulcer of the Stomach																					
103. Other Diseases of the Stomach (Cancer excepted)																					
104 Diarrhoea and Enteritis (under 2 years)	6	3	3	6		6									6			5		1	
105. Diarrhoea and Enteritis (2 years & over)	4	2	2								1	1	2		2	1	1	4			
106. Ankylostomiasis																					
107. Intestinal Parasites																					
108. Appendicitis and typhlitis	2	2								1		1				2		2			
109. Hernia—Obstruction of Intestines	3	2	1							2				1		2	1	2	1		
110. Other Diseases of the Intestines																					
111. Acute Yellow Atrophy of Liver																					
112. Tumors, Hydatid, of the Liver																					
113. Cirrhosis of the Liver	1		1										1				1	1			
114. Biliary Calculi																					
115. Other Diseases of the Liver																					
116. Diseases of the Spleen																					
117. Peritonitis, Simple (Puerperal excepted)																					
118. Other Diseases of the Digestive System (Cancer and Tubercle excepted)																					
VI. Diseases of the Genito-Urinary System.																					
119 Nephritis, Acute	3		3								1	2				3		3			
120. Bright's Disease	10	5	5							1	2	1	1	5		7	3	10			
121. Chyluria																					
122. Other Diseases of the Kidneys																					
123. Calculi of the Urinary Tract																					
124 Diseases of the Bladder	1		1											1			1	1			
125. Diseases of the Urethra, Urinary Abscess, etc.																					
126. Diseases of the Prostate																					
127. Nonvenereal Diseases of the Male Genital Organs																					
128. Hemorrhage, Uterine (nonpuerperal)																					
129. Tumors, Uterine (noncancerous)																					
130. Other Diseases of the Uterus																					
131. Ovarian Tumors and Cysts																					
132. Diseases of Tubes																					
132a. Other Diseases of the Female Genital Organs																					
133. Nonpuerperal Diseases of the Breast (Cancer excepted)																					
VII. Childbirth.																					
134. Accidents of Pregnancy	1		1							1						1		1			
135. Hemorrhage, Puerperal																					
136. Other Accidents of Labor																					
137. Septicaemia, Puerperal																					
138. Albuminuria and Puerperal Eclampsia																					
139. Phlegmasia Alba Dolens Puerperal																					
140. Other Puerperal Accidents																					
141. Puerperal Diseases of Breast																					
VIII. Diseases of the Skin.																					
142. Gangrene																					
143. Furnucle																					
144. Abscess																					
145. Other Diseases of the Skin																					

MONTHLY STATEMENT OF DEATHS - Cont'd

CAUSES OF DEATH. (Bertillon Classification.)	Deaths reported during month, November, 1913.	Sex.		Age by Years											Social Relation			Color			
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married.	Widowed, Divorced, Unas	White.	Chinese.	Japanese.	African.
IX. Diseases of the Locomotor System.																					
146. Diseases of the Bones (nontuberculous)																					
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted)																					
148 Amputation																					
149. Other Diseases of the Organs of Locomotion																					
X. Malformations.																					
150. Hydrocephalus	2	2		2		2									2			1		1	
150a. Congenital Malformation of Heart—Cyanosis																					
150b. Other Congenital Malformations																					
XI. Early Infancy.																					
151. Premature	3	2	1	3		3									3			3			
151a. Congenital Debility	3	1	2	3		3									3			3			
152. Other Diseases of Early Infancy																					
153 Lack of Care																					
XII. Old Age.																					
154. Senility	4	1	3											4		1	3	4			
XIII. External Causes.																					
Suicide (total):																					
155. Suicide by poison																					
156. Suicide by asphyxia																					
157. Suicide by hanging or strangulation																					
158. Suicide by drowning																					
159. Suicide by firearms	1	1												1		1		1			
160. Suicide by cutting or piercing instruments																					
161. Suicide by jumping from high places																					
162. Suicide by crushing																					
163. Other suicides																					
163a. Accidental or undefined																					
164. Poisoning by food																					
165. Other acute poisonings																					
166. Conflagration																					
167. Burns (conflagration excepted)																					
168. Absorption of deleterious gases (conflagration excepted)	1	1												1			1	1			
169. Accidental drowning																					
170. Traumatism by firearms																					
171. Traumatism by cutting or piercing instruments																					
172. Traumatism by fall																					
173. Traumatism in mines and quarries:																					
a. Traumatism in mines																					
b. Traumatism in quarries																					
174. Traumatism by machinery																					
175. Traumatism by other crushing																					
a. Railroad accidents and injuries	3	2	1					1	1				1		1	1	1	3			
b. Street-car accidents and injuries																					
c. Automobile accidents and injuries																					
d. Injuries by other vehicles																					
e. Landslide, other crushing																					
176. Injuries by animals																					
177. Starvation																					
178. Excessive cold																					
179. Effects of heat																					
180. Lightning																					
181. Electricity (lightning excepted)																					
182. Homicide by firearms																					
183. Homicide by cutting or piercing instruments																					
184. Homicide by other means																					
185. Fractures (cause not specified)																					
186. Other external violence																					
XIV. Ill-Defined Diseases.																					
187. Ill-defined organic disease																					
188. Sudden Death																					
189. Not specified or ill-defined	1	1		1		1										1		1			
189a. Ill-defined																					
189b. Not specified or unknown																					
189c. Other Ill-defined Diseases																					
189d. Unknown—Drowning																					

PLACES OF INTERMENT OR CREMATION

	Calif. Elec Crematory	Home of Peace	Evergreen Cemetery	Oakland Crematory	Mt. View Cemetery	St. Mary's Cemetery	Sunset	Other Cities
Deaths in City of Oakland	21	1	18	29	31	35	3	31
Received from other places	19	0	2	13	14	9	0	4
Total	40	1	20	42	45	44	3	35

Number of burial permits issued on Coroner's Certificates. 20

BIRTHS REPORTED DURING THE MONTH

Total	SEX			PARENTAGE				RACE		
	Male	Female	Unknown	American	Foreign	Mixed	Unknown	Caucasian	Black	Japanese Chinese
268	136	132	0	151	72	45	0	254	3	11

Stillborn, 4 Premature births, 3 Stillborn not included in mortality returns.

CONTAGIOUS AND INFECTIOUS DISEASES FOR THE MONTH

	Cases Reported	Death	Placarded	Premises Disinfected	No. of Rooms Disinfected
Croup	0	0	0	0	0
Bubonic Plague	0	0	0	0	0
Chicken Pox	3	—	—	—	—
Diphtheria—Contracted outside City	0	0	0	0	0
Diphtheria, local cases, inc. Membraneous Croup	41	4	41	23	78
Malarial Fever	0	0	0	0	0
Measles	—	—	—	—	—
Pulmonary Tuberculosis	18	18	0	9	34
Pulmonary Tub.—Cont. outside city	4	0	0	0	0
Scarlet Fever	11	1	11	6	15
Smallpox	0	0	0	0	0
Typhoid—Contracted outside City	7	0	0	0	0
Typhoid Fever, local cases	16	2	—	—	—
Premises disinfected at request of Physicians	—	—	—	—	—
Poliomyelitis	0	0	0	0	0
Cerebral Spinal Meningitis	2	2	2	2	4
TOTALS	102	27	54	40	131

SANITARY AND PLUMBING INSPECTION FOR THE MONTH

	S. F. GEMMELL San. Inspect.	A. CORDAN Asst. San. Inspe	J. J. BARRY Asst. San. Inspe	ASSIST. INSPECTORS	TOTALS
Number of Premises Inspected	24	25	27	1048	1124
Number of Re-inspections Made	29	43	122	638	832
Number of Nuisances Abated	22	29	3	224	278
Number of Nuisances in Course of Abatement	0	0	0	30	30
Number of Complaints without Cause	2	0	0	0	2
Number of Plumbing Plans Received	131	0	0	0	131
Garbage Cans Installed	2	0	0	128	130
Private Dwellings	64	0	0	0	64
Stores and Dwellings	1	0	0	0	1
Additions	2	0	0	0	2
New Work in Old Buildings	61	0	0	0	61
Flats and Apartments	27	0	0	0	27
Number of First Inspections	41	33	91	0	165
Number of Final Inspections	17	37	16	0	70
Number of Feet Ironstone Pipe Inspected	3900	2300	6500	0	12700
Number of Feet Cast-Iron Pipe Inspected	175	320	200	0	675
Number of Side Sewer Inspections	87	23	72	0	182
Garage	1	0	0	0	1
Notice to connect to sewer	0	0	0	83	83
Manure Boxes Installed	0	0	1	34	35
Notice to install manure box	0	0	0	0	0

NURSES' REPORT FOR MONTH OF NOVEMBER.

	Miss Schmidt		Miss Cronan		Miss Richards	
Number of cases at End of Last Month		14		15		100
New Cases During Month	0		0		27	
Associated Charities	16		21			
Catholic Ladies' Aid Society	1		2			
Daughters of Israel Relief Society	5		1			
Physicians	6		3			
Neighbors and Found	7		34			
Health Office	30	65	8	69		27
Total All Cases Received		79		84		127
Discharged Cured	33		46			
Discharged or Left Town	16		3		21	
Sent to Hospitals	2		3		3	
Deaths	0	51	0	52	0	24
Remaining Under Treatment at End of Month		28		32		103
		79		84		127
Number of House Visits During Month	149		90		102	
Calls on Behalf of Patients	29		25		81	
Number of Clinics Held	3		10		22	
Number of Visits for Health Office During Month	21		9		0	
Totals Calls for Month		202		132		205
Number of Clinic Treatments for Month	12		28		229	
Total Hours of Detail in Clinic	5½		17¼		72	
Number of Times Detailed in Health Office	5		10		0	
Total Hours of Detail in Health Office	7		12¼		0	
Telephones in Behalf of Patients	17		84		216	
Assignments— Child Conservation		8	27			
Medical		49	47			
Surgical		18	10			
Obstetrical		2	0			
Tubercular		2	0			
		79		84		

REPORT OF FOOD INSPECTION DEPARTMENT FOR THE MONTH, NOVEMBER, 1913.

R. A. Archibald, Chief Food Inspector.

Inspections of Free Market	42	Number of milk samples collected	201
Inspections of other markets and stores	971	Number of gallons of milk condemned	7
Inspections of fruit and vegetable wagons	68	Number of food samples collected	31
Inspections of fish wagons	3	Number of dairies and milk depots inspected	429
Number of packages of food condemned	0	Number of cows inspected	2057
Number of fowls and rabbits condemned	552	Number of cows condemned	0
Number of pounds of vegetables condemned	30	Number of horses examined for glanders	13
Number of pounds of fruit condemned	2550	Number of horses condemned for glanders	3
Number of pounds of meat condemned	968	Number of horses treated and examined for the fire, police and street departments	40
Number of pounds of fish condemned	25		

MEAT INSPECTION

Number of cattle inspected	3,604	Number of cattle condemned	26
Number of sheep inspected	21,364	Number of sheep condemned	31
Number of hogs inspected	2,040	Number of hogs condemned	9
Number of calves inspected	1,378	Number of calves condemned	12

BACTERIOLOGICAL LABORATORY REPORT FOR THE MONTH

Pauline S. Nusbaumer, M. D., Bacteriologist.

REPORT OF BACTERIOLOGICAL EXAMINATIONS

DIAGNOSIS OF DIPHTHERIA.

Number of First Cultures examined	84	Positive First Cultures	35
Number of Second Cultures examined	60	Negative First Cultures	49
Total	144	Total	84

EXAMINATIONS FOR TUBERCULOSIS

Number of Positive	13
Number of Negative	18
Total	31

WIDAL TEST FOR TYPHOID FEVER

Number of Positive	13
Number of Negative	27
Total	40

RABIES REPORT.

13 positive dog brains examined.
5 negative dog brains examined.
4 persons bitten by rabid dogs.
4 persons taking Pasteur Treatment.

CHEMICAL LABORATORY REPORT FOR THE MONTH

Jessie V. Berry, Chemist.

One hundred and ninety-two milk samples were examined for the percentage of butterfat, total solids, solids not fat, and specific gravity. Of these, four were below standard.

Sixteen water analyses. Of these five were bottled waters and the remainder from the various city supplies. All were satisfactory.

OAKLAND ENQUIRER PUB. CO.
Oakland, California

9614.1
Oa4v

HEALTH DEPARTMENT
CITY OF OAKLAND, CALIFORNIA
POPULATION 165,000

VITAL STATISTICS

FOR THE MONTH OF DECEMBER, 1913

F. C. TURNER, Commissioner, Dept. of Public Health and Safety.

ALLEN F. GILLIHAN M. D., Director of Health. JOHN H. MELLON, Secretary.

METEOROLOGICAL

Meteorological synopsis for December, 1913, taken daily at Chabot Observatory at 7 a. m. and 7 p. m. Latitude 37 deg. 48 min. .05 sec. N. Longitude 122 deg. 16 min. 38.25 sec. W. Height above the sea, 36.4 feet.

BAROMETER	INCHES
Mean barometer of the month	30.084
Highest barometer of the month, 4	30.30
Lowest barometer of the month, 22	29.72
Monthly range	.58

THERMOMETER	DEGS.
Mean temperature of the month	49.1
Mean temperature of the warmest day, 1	57
Mean temperature of the coldest day, 5	43.5
Maximum temperature, 1	64
Minimum temperature, 5	38
Mean highest temperature	54.1
Mean lowest temperature	44.1
Greatest daily variation, 8, 10	16.
Least daily variation, 31	3.
Monthly range of temperature	36
Mean daily range of temperature	10.

PRECIPITATION	INCHES
Rainfall in inches since July 1st	11.09
Rainfall in inches during the month	5.15

RELATIVE HUMIDITY	
Mean relative humidity of the month	85.4
Highest humidity for 24 hours, 31	94.
Lowest humidity for 24 hours, 2	46.5
Maximum humidity, 15	100.
Minimum humidity, 2	36.
Monthly range	64

WEATHER	
Number of clear days	7
Number of fair days	7
Number of cloudy days	17
Number of days in which rain fell	14
Number of mornings of low fog	0
Number of mornings of high fog (overcast)	0
Number of mornings that frost was seen	8

WIND, 93 OBSERVATIONS	
North	4
Northeast	3
East	10
Southeast	16
South	15
Southwest	16
West	21
Northwest	3
Greatest velocity for one day, 31	240 miles
Greatest velocity for one hour, 24	17 miles
Total distance for one month	2,287 miles
Average daily velocity	73.8 miles

Other Phenomena.

Luna Haloes, 8th and 9th.

CHARLES BURCKHALTER, Observer.

COMPARATIVE MONTHLY MORTALITY

Months	Deaths	Estimated Annual Death Rate — Population	per 1,000 for month
Dec 1882	39	36,000	15.00
" 1883	43	38,000	13.31
" 1884	47	39,000	14.46
" 1885	54	43,000	14.40
" 1886	46	46,000	12.00
" 1887	55	50,000	13.20
" 1888	65	55,000	14.18
" 1889	72	60,000	14.40
" 1890	74	60,000	14.80
" 1891	110	60,000	22.00
" 1892	66	60,000	13.20
" 1893	67	60,000	13.40
" 1894	59	60,000	11.80
" 1895	66	60,000	13.20
" 1896	71	60,000	12.40
" 1897	83	75,000	13.28
" 1898	86	75,000	13.76
" 1899	75	75,000	12.00
" 1900	93	75,000	14.88
" 1901	93	75,000	14.88
" 1902	102	83,000	14.73
" 1903	84	83,000	12.14
" 1904	107	83,000	15.46
" 1905	115	90,000	15.32
" 1906	202	140,000	17.31
" 1907	145	140,000	11.71
" 1908	144	140,000	12.34
" 1909	153	145,000	12.73
" 1910	170	150,000	13.6
" 1911	204	156,000	15.69
" 1912	211	165,000	15.34
" 1913	190	165,000	13.81

COMPARATIVE MONTHLY MORTALITY From Zymotic Diseases

Months	Deaths	Annual Death Rate per 1,000 for month
Dec 1882	6	2.00
" 1883	7	2.21
" 1884	3	.92
" 1885	6	1.67
" 1886	12	3.13
" 1887	12	2.88
" 1888	10	2.10
" 1889	6	1.20
" 1890	3	1.60
" 1891	18	3.60
" 1892	3	.30
" 1893	12	2.40
" 1894	6	1.20
" 1895	5	1.00
" 1896	6	1.20
" 1897	5	.80
" 1898	5	.80
" 1899	6	.96
" 1900	7	1.21
" 1901	4	.64
" 1902	7	1.05
" 1903	4	.57
" 1904	6	.84
" 1905	5	.52
" 1906	14	1.20
" 1907	12	1.03
" 1908	5	.42
" 1909	3	.24
" 1910	4	.32
" 1911	5	.38
" 1912	6	.43
" 1913	7	.50

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH. (Bertillon Classification.)	Deaths reported during month, December, 1913.	Sex.		Age by Years.												Social Relation.			Color.			
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
DEATHS FROM ALL CAUSES.	190	104	86	16	16	16	5	4	11	15	18	28	36	41	69	78	43	177	7	1	5
I. General Diseases	42	18	24	4	4	4	2	1	1	4	7	7	9	3	17	19	6	38	3		1
II. Diseases of Nervous System	17	10	7	1		1				2		1	7	6	4	6	7	15			2
III. Diseases of the Circulatory System	38	19	19	1		1			2		2	10	10	13	6	18	14	35	2		1
IV. Diseases of the Respiratory System	39	24	15	10	4	10	1	2	1	2	4	3	3	9	22	9	8	37	1	1	
V. Diseases of the Digestive System	11	5	6		2		1		2	1	2	2		1	5	6		11			
VI. Diseases of the Genito-Urinary System	14	10	4						2	1	1	3	3	4	2	9	3	14			
VII. Childbirth	2		2					1	1						1	1		2			
VIII. Diseases of the Skin																					
IX. Diseases of the Locomotor System																					
X. Malformations																					
XI. Early Infancy	5	4	1		5										5			5			
XII. Old Age	4	3	1										1	3		2	2	4			
XIII. External Causes	18	11	7		1		1		2	5	2	2	3	2	7	8	3	16	1		1
XIV. Ill-Defined Diseases																					
I. General Diseases																					
(a) Epidemic Diseases.																					
1. Typhoid Fever																					
2. Typhus, Exanthematic																					
3. Fever, Recurrent																					
4. Fever, Intermit't and Malar'l Cachexia																					
5. Smallpox																					
6. Measles																					
7. Scarlet Fever																					
8. Whooping Cough																					
9. Diphtheria	6	3	3	1	3	1	2								6			6			
9a. Croup																					
10. Influenza																					
11. Miliary Fever																					
12. Cholera, Asiatic																					
13. Cholera, nostras																					
14. Dysentery																					
15. Pest (Plague)																					
16. Yellow Fever																					
17. Leprosy																					
18. Erysipelas	1	1										1			1			1			
19. Other Epidemic Diseases																					
(b) Other General Diseases.																					
20. Purulent Infection and Septicaemia	1	1											1			1		1			
21. Glanders and Farcy																					
22. Malig't Pustule and Charbon (Anthrax)																					
23. Rabies																					
24. Tetanus																					
25. Mycoses																					
26. Pellagra																					
27. Beriberi																					
28. Tuberculosis of Lungs	7	5	2					1	1	1	1	2	1		3	2	2	4	3		
29. Acute Miliary Tuberculosis																					
30. Tuberculous Meningitis	3		3	2	1	2									3			3			
31. Tuberculosis, Abdominal	2		2								1	1				1	1	2			
32. Pott's Disease	2	1	1							1	1					2		2			
33. White Swelling																					
34. Tuberculosis of Other Organs																					
35. Disseminated Tuberculosis																					
36. Rickets																					
37. Syphilis	1	1		1		1									1			1			
38. Gonococcus Infection																					
39. Cancer and Other Malignant Tumors of the Buccal Cavity																					
40. Cancer and Other Malignant Tumors of the Stomach and Liver	5	2	3								2		1	2	1	2	2	4			1
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	1		1										1		1			1			
42. Cancer and Other Malignant Tumors of the Female Genital Organs	3		3							1		1		1		2	1	3			
43. Cancer and Other Malignant Tumors of the Breast	1		1							1						1		1			

MONTHLY STATEMENT OF DEATHS—Cont'd

CAUSES OF DEATH. (Bertillon Classification.)	Deaths reported during month, December, 1913.	Sex.		Age by Years.										Social Relation.			Color.			
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married	Widowed. Divorced. Unas.	White.	Chinese.	Japanese.	African.
44 Cancer and Other Malignant Tumors of the Skin																				
45 Cancer and Other Malignant Tumors of Other Organs & Organs not Specified	6	2	4								2	1	3		1	5		6		
46 Other Tumors (Tumors of the Female Genital Organs excepted)																				
47. Rheumatism, Acute, Articular																				
48. Rheumatism, Chronic, and Gout	1		1										1			1		1		
49. Scurvy																				
50. Diabetes																				
51. Goitre, Exophthalmic																				
52 Addison's Disease																				
53. Leukaemia																				
54. Anaemia, Chlorosis	2	2										1	1			2		2		
55. Other General Diseases																				
56. Alcoholism, Acute and Chronic																				
57. Lead Poisoning																				
58. Other chronic occupation poisonings																				
59 Other Chronic Poisonings																				
II. Diseases of the Nervous System.																				
60. Encephalitis	1	1											1		1			1		
61. Meningitis, Simple	2	1	1	1		1				1					2			1		1
61a. Meningitis, Epidemic Cerebro-spinal																				
62. Locomotor Ataxia, Progressive																				
63. Other Diseases of the Spinal Cord	1	1											1			1		1		
64. Apoplexy Cerebral	13	7	6							1		1	5	6	1	5	7	12		1
65. Cerebral Softening																				
65a. Infantile Paralysis																				
66. Paralysis																				
67. Paralysis, General, of Insane																				
68. Other forms of Mental Disease																				
69. Epilepsy																				
70. Convulsions (nonpuerperal)																				
71. Convulsions of Infants																				
72. Chorea																				
73. Neuralgia and Neuritis																				
74. Other Diseases of the Nervous System																				
75. Diseases of the Eye and Its Adnexa																				
76. Diseases of the Ear																				
III. Diseases of the Circulatory System.																				
77 Pericarditis	1	1											1		1			1		
78. Endocarditis, Acute	2	2												2		1	1	2		
79. Organic Diseases of the Heart	32	15	17	1		1			2		1	10	8	10	5	14	13	29	2	1
80. Angina Pectoris	1	1											1			1		1		
81. Diseases of the Arteries (Atheroma, Aneurism, etc.)	2		2								1			1		2		2		
82. Embolism and Thrombosis																				
83. Diseases of the Veins																				
84. Diseases of the Lymphatics																				
85. Hemorrhages—Other Diseases of the Circulatory System																				
IV. Diseases of the Respiratory System.																				
86. Diseases of the Nasal Fossae																				
87. Laryngitis																				
88. Diseases of the Thyreoid Body																				
89. Bronchitis, Acute	2	1	1										1	1	1	1		2		
90. Bronchitis, Chronic	1		1											1		1		1		
91. Broncho-Pneumonia	13	7	6	3	4	3		1	1		1	1	1	1	9	3	1	13		
92. Pneumonia Lobar	20	13	7	6		6	1			2	3	2	1	5	9	4	7	18	1	1
93. Pleurisy																				
94. Pulmonary Congestion and Apoplexy	1	1											1		1			1		
95. Gangrene of the Lung																				
96. Asthma	1	1		1		1									1			1		
97. Pulmonary Emphysema																				
98. Other Diseases of the Respiratory System (Phthisis excepted)	1	1						1							1			1		

MONTHLY STATEMENT OF DEATHS—Cont'd

CAUSES OF DEATH. (Bertillon Classification)	Deaths reported during month, December, 1913.	Sex.		Age by Years.											Social Relation.			Color			
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
V. Diseases of the Digestive System.																					
99. Diseases of the Mouth and its Adnexa																					
100. Diseases of Pharynx																					
101. Diseases of the Oesophagus																					
102. Ulcer of the Stomach																					
103. Other Diseases of the Stomach (Cancer excepted)																					
104. Diarrhoea and Enteritis (under 2 years)	3	1	2	2	1	2									3			3			
105. Diarrhoea and Enteritis (2 years & over)																					
106. Ankylostomiasis																					
107. Intestinal Parasites																					
108. Appendicitis and typhlitis	1		1							1						1		1			
109. Hernia—Obstruction of Intestines	3	1	2						1		1			1	1	2		3			
110. Other Diseases of the Intestines																					
111. Acute Yellow Atrophy of Liver																					
112. Tumors, Hydatid, of the Liver																					
113. Cirrhosis of the Liver	1	1										1				1		1			
114. Biliary Calculi																					
115. Other Diseases of the Liver																					
116. Diseases of the Spleen																					
117. Peritonitis, Simple (Puerperal excepted)	3	2	1						1		1	1			1	2		3			
118. Other Diseases of the Digestive System (Cancer and Tubercle excepted)																					
VI. Diseases of the Genito-Urinary System.																					
119. Nephritis, Acute	2	1	1						1					1		2		2			
120. Bright's Disease	11	8	3						1	1	1	3	3	2	2	7	2	11			
121. Chyluria																					
122. Other Diseases of the Kidneys																					
123. Calculi of the Urinary Tract																					
124. Diseases of the Bladder																					
125. Diseases of the Urethra, Urinary Abscess, etc.																					
126. Diseases of the Prostate	1	1												1			1	1			
127. Nonvenereal Diseases of the Male Genital Organs																					
128. Hemorrhage Uterine (nonpuerperal)																					
129. Tumors, Uterine (noncancerous)																					
130. Other Diseases of the Uterus																					
131. Ovarian Tumors and Cysts																					
132. Diseases of Tubes																					
132a. Other Diseases of the Female Genital Organs																					
133. Nonpuerperal Diseases of the Breast (Cancer excepted)																					
VII. Childbirth.																					
134. Accidents of Pregnancy																					
135. Hemorrhage, Puerperal																					
136. Other Accidents of Labor																					
137. Septicaemia, Puerperal	2		2					1	1						1	1		2			
138. Albuminuria and Puerperal Eclampsia																					
139. Phlegmasia Alba Dolens Puerperal																					
140. Other Puerperal Accidents																					
141. Puerperal Diseases of Breast																					
VIII. Diseases of the Skin.																					
142. Gangrene																					
143. Furnucle																					
144. Abscess																					
145. Other Diseases of the Skin																					

MONTHLY STATEMENT OF DEATHS—Cont'd

CAUSES OF DEATH. (Bertillon Classification.)	Deaths reported during month, December, 1913.	Sex.		Age by Years.										Social Relation.			Color.			
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 1 yr.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
IX. Diseases of the Locomotor System.																				
146. Diseases of the Bones (nontuberculous)																				
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted)																				
148. Amputation																				
149. Other Diseases of the Organs of Locomotion																				
X. Malformations.																				
150. Hydrocephalus																				
150a. Congenital Malformation of Heart—Cyanosis																				
150b. Other Congenital Malformations																				
XI. Early Infancy.																				
151. Premature	3	3		3		3									3			3			
151a Congenital Debility																					
152. Other Diseases of Early Infancy	2	1	1	2		2									2			2			
153 Lack of Care																					
XII. Old Age.																				
154. Senility	4	3	1										1	3		2	2	4			
XIII. External Causes.																				
Suicide (total):																				
155. Suicide by poison	1		1							1						1		1			
156. Suicide by asphyxia	1		1										1				1	1			
157. Suicide by hanging or strangulation																					
158. Suicide by drowning																					
159. Suicide by firearms	3	3							1			1	1		1	1	1	2	1		
160. Suicide by cutting or piercing instruments	1	1								1					1			1			
161. Suicide by jumping from high places																					
162. Suicide by crushing																					
163. Other suicides																					
163a. Accidental or undefined																					
164. Poisoning by food	2		2							1	1					2		2			
165. Other acute poisonings	2	1	1				1			1					1	1		2			
166. Conflagration	1	1											1		1			1			
167. Burns (conflagration excepted)	1	1			1										1						1
168. Absorption of deleterious gases (conflagration excepted)	1	1											1			1		1			
169. Accidental drowning	1		1								1					1		1			
170. Traumatism by firearms																					
171. Traumatism by cutting or piercing instruments																					
172. Traumatism by fall	1	1							1						1			1			
173. Traumatism in mines and quarries:																					
a. Traumatism in mines																					
b. Traumatism in quarries																					
174. Traumatism by machinery																					
175. Traumatism by other crushing																					
a. Railroad accidents and injuries	1	1								1					1			1			
b. Street-car accidents and injuries																					
c. Automobile accidents and injuries	1	1										1					1	1			
d. Injuries by other vehicles																					
e. Landslide, other crushing																					
176. Injuries by animals																					
177. Starvation																					
178. Excessive cold																					
179. Effects of heat																					
180. Lightning																					
181. Electricity (lightning excepted)																					
182. Homicide by firearms	1		1						1						1			1			
183. Homicide by cutting or piercing instruments																					
184. Homicide by other means																					
185. Fractures (cause not specified)																					
186. Other external violence																					
XIV. Ill-Defined Diseases.																					
187. Ill-defined organic disease																					
188. Sudden Death																					
189. Not specified or ill-defined																					
189a. Ill-defined																					
189b. Not specified or unknown																					
189c. Other Ill-defined Diseases																					
189d. Unknown—Drowning																					

PLACES OF INTERMENT OR CREMATION

	Calif. Elec Crematory	Home of Peace	Evergreen Cemetery	Oakland Crematory	Mt. View Cemetery	St. Mary's Cemetery	Sunset	Other Cities
Deaths in City of Oakland	19	0	17	30	42	52	8	33
Received from other places	20	1	1	11	22	10	0	1
Total	39	1	18	41	64	62	8	34

Number of burial permits issued on Coroner's Certificates, 25

BIRTHS REPORTED DURING THE MONTH

Total	SEX			PARENTAGE				RACE		
	Male	Female	Unknown	American	Foreign	Mixed	Unknown	Caucasian	Black	Japanese Chinese
235	131	104	0	127	67	41	0	220	2	13

Stillborn, 12 Premature births, 3 Stillborn not included in mortality returns.

CONTAGIOUS AND INFECTIOUS DISEASES FOR THE MONTH

	Cases Reported	Death	Placarded	Premises Disinfected	No. of Rooms Disinfected
Croup	0	0	0	0	0
Bubonic Plague	0	0	0	0	0
Chicken Pox	4	—	—	—	—
Diphtheria—Contracted outside City	1	1	1	1	5
Diphtheria, local cases, inc. Membraneous Croup	50	6	50	42	140
Diphtheria—Carriers	9	—	9	—	—
Measles	—	—	—	—	—
Pulmonary Tuberculosis	19	7	0	7	18
Pulmonary Tub.—Cont. outside city	3	0	0	0	0
Scarlet Fever	9	—	9	18	47
Smallpox	2	—	1	2	4
Typhoid—Contracted outside City	4	—	—	—	—
Typhoid Fever, local cases	4	—	—	—	—
Premises disinfected at request of Physicians	—	—	—	—	—
Poliomyelitis	—	—	—	—	—
Cerebral Spinal Meningitis	1	1	1	1	10
TOTALS	106	15	71	71	224

SANITARY AND PLUMBING INSPECTION FOR THE MONTH

	S. F. GEMMELL San. Inspect.	A. CORDAN Asst. San. Inspe	J. J. BARRY Asst. San. Inspe	ASSIST. INSPECTORS	TOTALS
Number of Premises Inspected	19	29	41	760	840
Number of Re-inspections Made	22	73	154	918	1167
Number of Nuisances Abated	14	20	2	259	295
Number of Nuisances in Course of Abatement	0	17	0	183	200
Number of Complaints without Cause	5	0	0	0	5
Number of Plumbing Plans Received	145	0	0	0	145
Garbage Cans Installed	1	0	0	150	131
Private Dwellings	73	0	0	0	73
Stores and Dwellings	3	0	0	0	3
Additions	8	0	0	0	8
New Work in Old Buildings	54	0	0	0	54
Flats and Apartments	78	0	0	0	78
Number of First Inspections	61	49	59	0	169
Number of Final Inspections	11	5	31	0	47
Number of Feet Ironstone Pipe Inspected	4700	3600	4000	0	12300
Number of Feet Cast-Iron Pipe Inspected	195	420	700	0	1315
Number of Side Sewer Inspections	65	34	42	0	141
Garage	2	0	0	0	2
Schools	2	0	0	0	2
Notice to connect to sewer	0	0	0	0	0
Manure Boxes Installed	0	0	0	30	30
Notice to install manure box	0	0	0	0	0

NURSES' REPORT FOR MONTH OF DECEMBER.	Miss Schmidt	Miss Cronan	Miss Richards
Number of cases at End of Last Month	41	36	103
New Cases During Month	99	32	31
Associated Charities	14	6	
Catholic Ladies' Aid Society	1	2	
Daughters of Israel Relief Society	2	0	
Physicians	3	3	
Neighbors and Found	5	1	
Health Office	74	24	
Total All Cases Received	140	58	134
Discharged Cured	75	23	0
Discharged or Left Town	13	2	4
Sent to Hospitals	1	2	0
Deaths	2	0	4
Remaining Under Treatment at End of Month	91	31	130
	49	27	134
Number of House Visits During Month	180	71	143
Calls on Behalf of Patients	16	4	81
Number of Clinics Held	2	5	18
Number of Visits for Health Office During Month	83	43	
Totals Calls for Month	281	123	[illegible]
Number of Clinic Treatments for Month	29½	10	
Total Hours of Detail in Clinic	15	27¼	
Number of Times D[illegible]		40	39
Total H[illegible]			
Assignments— Child Conservation	6	35	
Medical	116	18	
Surgical	9	4	
Obstetrical	8	1	
Tubercular	1	0	
Miss Cronan on vacation, 14 days.	140	58	

REPORT OF FOOD INSPECTION DEPARTMENT FOR THE MONTH, DECEMBER, 1913.

R. A. Archibald, Chief Food Inspector.

Inspections of Free Market	40	Number of milk samples collected	146
Inspections of other markets and stores	1183	Number of gallons of milk condemned	10
Inspections of fruit and vegetable wagons	97	Number of food samples collected	17
Inspections of fish wagons	27	Number of dairies and milk depots inspected	420
Number of packages of food condemned	0	Number of cows inspected	3072
Number of fowls and rabbits condemned	1575	Number of cows condemned	2
Number of pounds of vegetables condemned	0	Number of horses examined for glanders	11
Number of pounds of fruit condemned	2398	Number of horses condemned for glanders	3
Number of pounds of meat condemned	1761	Number of horses treated and examined for the fire, police and street departments	40
Number of pounds of fish condemned	4		

MEAT INSPECTION

Number of cattle inspected	4279	Number of cattle condemned	32
Number of sheep inspected	24718	Number of sheep condemned	23
Number of hogs inspected	3902	Number of hogs condemned	16
Number of calves inspected	1445	Number of calves condemned	17

BACTERIOLOGICAL LABORATORY REPORT FOR THE MONTH

Pauline S. Nusbaumer, M. D., Bacteriologist.

REPORT OF BACTERIOLOGICAL EXAMINATIONS

DIAGNOSIS OF DIPHTHERIA.

Number of First Cultures examined	116	Positive First Cultures	38
Number of Second Cultures examined	223	Negative First Cultures	78
Total	339	Total	116

EXAMINATIONS FOR TUBERCULOSIS

Number of Positive	7
Number of Negative	22
Total	29

WIDAL TEST FOR TYPHOID FEVER

Number of Positive	6
Number of Negative	15
Total	21

RABIES REPORT.

20 positive dog brains examined.
9 negative dog brains examined.
1 positive calf brains examined.
1 negative horse brains examined.

5 persons bitten by rabid dogs.
6 persons taking Pasteur Treatment.

CHEMICAL LABORATORY REPORT FOR THE MONTH

Jessie V. Berry, Chemist.

One hundred and forty-five milk samples were examined for the percentage of butter fat, total solids, solids not fat and specific gravity. Of these ten were below standard.

Six water analyses. One below standard.

Four miscellaneous samples for poison. Examination for the Police Department. No poison found.

NOTE:—This number ends the volume for 1913. Beginning with the new year the "Vital Statistics" will appear in a new form and under a new title, "Monthly Bulletin." In addition to the mortality and morbidity statistics, resume of food and sanitary inspections, and other routine work as heretofore, it is our hope to include information of interest and value to the medical profession and general public pertaining to Public Health activities in Oakland and vicinity.

ALLEN F. GILLIHAN, M. D., Director.

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